

Name: _____

Date: _____

Exponents HW #2

Directions: Simplify each expression as completely as possible (no negative exponents or exponents or coefficients of one!).

1. $5a^2b^2a^5$	2. $(12xyz)^{-1}$	3. $\frac{h^{-3}}{v^{-2}}$
4. $(3a^3b^8c^9)(4a^4b^6c)$	5. $(5ab)(5ab)$	6. $(y)(y)(y)(y)(y)$
7. $(15a^4b^{-3}c)(2a^{-1}b^{-8}c^2)$	8. $(5b)^1$	9. $x^4y^{-4}z^4$
10. $(2a^5b^{-1}c^{-3})(-10a^{12}b^5c)$	11. $5^25^45^{-3}$	12. $(abcdefg)^{-1}$

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